

AMENDMENT UNDER 37 C.F.R. § 1.111

Application Number: 10/694,724

Attorney Docket Number: Q78154

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A thermoplastic resin composition comprising (A) 35 to 83.9% by weight of a polypropylene resin, (B) 10 to 35% by weight of an elastomer, (C) 2 to 30% by weight of inorganic filler, (D) 0.1% by weight or more but less than 5% by weight of a resin satisfying (Requirement 1) through (Requirement 3) defined below, and (E) 4 to 10% by weight of a resin satisfying (Requirement 4) defined below, provided that the amounts of (A), (B), (C), (D) and (E) indicated above are based on the total weight of these components:-

(Requirement 1) ~~The~~the resin has a melt tension (MT), measured at 190°C at a winding rate of 15.7 m/min, of 0.1 N or more:-

(Requirement 2) ~~The~~the resin has a swelling ratio (SR), measured at 220°C at an L/D ratio of an orifice of 40 and at a shear rate of $1.2 \times 10^3 \text{ sec}^{-1}$, of 1.8 or more:-

(Requirement 3) ~~The~~the time required for the resin until the ratio $(G(t)/G(0.02))$ of a relaxation modulus $G(t)$ measured at 210°C to a relaxation modulus $G(0.02)$ at a time of 0.02 sec reaches 0.01 is 10 sec or more:- and

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(Requirement 4) ~~With~~with respect to the swelling ratio measured at 220°C at an L/D of an orifice of 40, the ratio of a swelling ratio (SR_{10^3}) at a shear rate of $2.4 \times 10^3 \text{ sec}^{-1}$ to a swelling ratio (SR_{10^2}) at a shear rate of $1.2 \times 10^2 \text{ sec}^{-1}$, SR_{10^3}/SR_{10^2} , is from 1.0 to 1.1.

2. (original): The thermoplastic resin composition according to claim 1, wherein the content of the polypropylene resin (A) is from 40 to 80% by weight.

3. (original): The thermoplastic resin composition according to claim 1, wherein the elastomer (B) comprises a vinyl aromatic compound-containing rubber and/or an ethylene- α -olefin copolymer and wherein the content of the elastomer (B) is from 15 to 30% by weight.

4. (original): The thermoplastic resin composition according to claim 1, wherein the inorganic filler (C) is talc and/or magnesium sulfate fiber and wherein the content of the filler (C) is from 5 to 30% by weight.

5. (currently amended): The thermoplastic resin composition according to claim 1, wherein the resin (D) is a resin satisfying (Requirement 1a), (Requirement 2a) and (Requirement 3a) defined below and wherein the content of the resin (D) is from 0.5 to 4.5% by weight;

(Requirement 1a) ~~The~~the resin has a melt tension (MT), measured at 190°C at a winding rate of 15.7 m/min, of 0.15 N or more;

(Requirement 2a) ~~The~~the resin has a swelling ratio (SR), measured at 220°C at an L/D ratio of an orifice of 40 and at a shear rate of $1.2 \times 10^3 \text{ sec}^{-1}$, of 2.0 or more; and

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(Requirement 3a) ~~The~~the time required for the resin until the ratio ($G(t)/G(0.02)$) of a relaxation modulus $G(t)$ measured at 210°C to a relaxation modulus $G(0.02)$ at a time of 0.02 sec reaches 0.01 is 15 sec or more.

6. (currently amended): The thermoplastic resin composition according to claim 1, wherein resin (D) is a propylene-based polymer composition comprising from 40 to 70% by weight of a propylene-based polymer component (I) which has an intrinsic viscosity $[\eta]^A$, measured in 1,2,3,4-tetrahydronaphthalene ~~tetralin~~ at 135°C, of 5 dl/g or more and a melting peak temperature T_m , measured using a differential scanning calorimeter, of from 130 to 160°C, and from 60 to 30% by weight of a propylene-based polymer component (II), which is different than the propylene-based polymer component (I).

7. (original): The thermoplastic resin composition according to claim 1, wherein the resin (E) is a polypropylene having a branched structure.

8. (original): An injection-molded article comprising the thermoplastic resin composition according to any one of claims 1 to 7.